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Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2010; month=12; day=14; hr=7; min=32; sec=9; ms=100;]

=====

Reviewer Comments:

<210> 6

<211> 11

<212> PRT

<213> Unknown

<220>

<221> misc_feature

<222> 3

<223> Xaa at position 3 may be Val or Ile

<220>

<221> misc_feature

<223> Xaa at position 6 may be Ser or Ala

<220>

<221> misc_feature

<222> 7

<223> Xaa at position 7 may be Asp or Glu

<220>

<221> misc_feature

<222> 8

<223> Xaa at position 8 may be Asp or Glu

<220>

<221> misc_feature

<222> 10

<223> Xaa at positon 10 may be Lys, Arg or Thr

<400> 6

Trp Leu Xaa Glu Val Xaa Xaa Xaa Tyr Xaa Leu

Several errors above: the "<213> Unknown" requires an explanation in a "<220>-<223>" section under it; although the "<213>" response is "Unknown", please try to indicate the source of the genetic material ("Unknown" would not be a sufficient explanation). Please number the amino acids under every 5 amino acids, beginning with "1"; do not use TAB codes between amino acid numbers. TABs cause misaligned numbers. Same errors in Sequence 7.

<210> 8

<211> 15

<212> PRT

<213> Arabidopsis thaliana

<220>

<400> 8

Trp Leu Val Glu Val Ser Glu Glu Tyr Lys Leu Val Ser Asp Thr

Please number the above amino acids; please remove the "<220>", since no <221>, <222>, or <223> is shown. Same errors in Sequences 9-31.

<210> 29

<211> 15

<212> PRT

<213> Arabidopsis thaliana

<220>

<400> 29

Glu Leu Ser Met Leu Asp Tyr Gln Ser Val Lys Phe Leu Pro ser

Please: 1) remove the <220>; 2) number the amino acids; 3) replace "ser" at location 15 with "Ser"

Application No: 10584024

Version No: 2.0

Input Set:

Output Set:

Started: 2010-12-03 12:58:28.054

Finished: 2010-12-03 12:58:29.111

Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 57 ms

Total Warnings: 6

Total Errors: 3

No. of SeqIDs Defined: 31

Actual SeqID Count: 31

| Error code | Error Description |
|------------|---|
| W 213 | Artificial or Unknown found in <213> in SEQ ID (4) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (5) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (6) |
| E 224 | <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (6) |
| W 213 | Artificial or Unknown found in <213> in SEQ ID (7) |
| E 224 | <220>,<223> section required as <213> has Artificial sequence or Unknown in SEQID (7) |
| W 402 | Undefined organism found in <213> in SEQ ID (13) |
| W 402 | Undefined organism found in <213> in SEQ ID (25) |
| E 330 | Invalid protein , found in SEQID(29) POS (15)Invalid Protein:ser |

SEQUENCE LISTING

<110> CropDesign N.V.

<120> Plants having increased yield and method for making the same

<130> CD-106-PCT

<140> 10584024

<141> 2010-12-03

<150> US 60/532,287

<151> 2003-12-22

<160> 31

<170> PatentIn version 3.3

<210> 1

<211> 1311

<212> DNA

<213> Arabidopsis thaliana

<220>

<221> misc_feature

<223> A variant of the coding sequence of the sequence deposited under accession number NM_121168 contains a G instead of C on position 851 and a T instead of C on position 1295

<400> 1

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gtatcaatac ctccaacaaa accttctttt aaacagcaaa agagacgtgc agtacttaag      180
gatgtgagta atacctctgc agatattatt tattcagaac ttcgaaaggg aggcaacatc      240
aaggcaaaca gaaaatgtct aaaagagcct aaaaaagcag caaaggaagg tgctaacagt      300
gccatggata ttctggtaga tatgcataca gaaaaatcaa aattagcaga agatttgtcc      360
aagatcagga tggctgaagc ccaagatgtc tctctttcaa actttaaaga tgaagaaatt      420
actgagcaac aagaagatgg atcaggtgtc atggagttac ttcaagttgt agatattgat      480
tccaacgtcg aagatccaca gtgttgacgc ttgtatgctg ctgatataata tgacaacata      540
catgttgacg agcttcaaca acgacccttg gctaattata tggagcttgt gcagcgagat      600
atcgaccacg acatgagaaa gattctgatt gactggcttg tagaagtttc tgacgactac      660
aagctgggtc cagatacgct ttaccttaca gtgaatctta tcgaccggtt tctgtccaac      720
agttacattg aaaggcaaag actccagctc cttggtgtct cttgcatget tatagcttca      780
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aaatatgaag agctttccgc accaggggtg gaggagtttt gcttcattac ggccaacaca      840
tacacaagac cagaagtgct gagcatggag attcaaattc taaattttgt gcactttaga      900
ttatcgggttc ctaccaccaa aacatttctg aggcgggttca ttaaagcagc tcaagcttcg      960
tacaaggtgc ctttcattga actggagtat ttagcaaact atctcgccga attgacactg     1020
gtggaatata gtttcctaag gttcctgccca tcactaattg ctgcttcage tgttttccta     1080
gcccgatgga cactcgacca aactgaccat ccttggaacc ctactctgca acactacacc     1140
agatatgagg tagctgagct gaagaacaca gttctcgcca tggaggactt gcagctcaac     1200
accagtggct gtactctcgc tgccaccgct gagaaatata accaaccaaa gtttaagagc     1260
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<210>  2
<211>  436
<212>  PRT
<213>  Arabidopsis thaliana

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<220>
<221>  MISC_FEATURE
<223>  A variant of the sequence deposited under accession number
      NP_568248 contains an arginine instead of a proline on position
      284 and a phenylalanine instead of a serine on position 432

```

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<400>  2

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Met Tyr Cys Ser Ser Ser Met His Pro Asn Ala Asn Lys Glu Asn Ile
1              5              10              15

```

```

Ser Thr Ser Asp Val Gln Glu Ser Phe Val Arg Ile Thr Arg Ser Arg
      20              25              30

```

```

Ala Lys Lys Ala Met Gly Arg Gly Val Ser Ile Pro Pro Thr Lys Pro
      35              40              45

```

```

Ser Phe Lys Gln Gln Lys Arg Arg Ala Val Leu Lys Asp Val Ser Asn
      50              55              60

```

```

Thr Ser Ala Asp Ile Ile Tyr Ser Glu Leu Arg Lys Gly Gly Asn Ile
      65              70              75              80

```

```

Lys Ala Asn Arg Lys Cys Leu Lys Glu Pro Lys Lys Ala Ala Lys Glu
      85              90              95

```

| | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Gly | Ala | Asn | Ser | Ala | Met | Asp | Ile | Leu | Val | Asp | Met | His | Thr | Glu | Lys | 100 | 105 | 110 |
| Ser | Lys | Leu | Ala | Glu | Asp | Leu | Ser | Lys | Ile | Arg | Met | Ala | Glu | Ala | Gln | 115 | 120 | 125 |
| Asp | Val | Ser | Leu | Ser | Asn | Phe | Lys | Asp | Glu | Glu | Ile | Thr | Glu | Gln | Gln | 130 | 135 | 140 |
| Glu | Asp | Gly | Ser | Gly | Val | Met | Glu | Leu | Leu | Gln | Val | Val | Asp | Ile | Asp | 145 | 150 | 155 |
| Ser | Asn | Val | Glu | Asp | Pro | Gln | Cys | Cys | Ser | Leu | Tyr | Ala | Ala | Asp | Ile | 165 | 170 | 175 |
| Tyr | Asp | Asn | Ile | His | Val | Ala | Glu | Leu | Gln | Gln | Arg | Pro | Leu | Ala | Asn | 180 | 185 | 190 |
| Tyr | Met | Glu | Leu | Val | Gln | Arg | Asp | Ile | Asp | Pro | Asp | Met | Arg | Lys | Ile | 195 | 200 | 205 |
| Leu | Ile | Asp | Trp | Leu | Val | Glu | Val | Ser | Asp | Asp | Tyr | Lys | Leu | Val | Pro | 210 | 215 | 220 |
| Asp | Thr | Leu | Tyr | Leu | Thr | Val | Asn | Leu | Ile | Asp | Arg | Phe | Leu | Ser | Asn | 225 | 230 | 235 |
| Ser | Tyr | Ile | Glu | Arg | Gln | Arg | Leu | Gln | Leu | Leu | Gly | Val | Ser | Cys | Met | 245 | 250 | 255 |
| Leu | Ile | Ala | Ser | Lys | Tyr | Glu | Glu | Leu | Ser | Ala | Pro | Gly | Val | Glu | Glu | 260 | 265 | 270 |
| Phe | Cys | Phe | Ile | Thr | Ala | Asn | Thr | Tyr | Thr | Arg | Pro | Glu | Val | Leu | Ser | 275 | 280 | 285 |
| Met | Glu | Ile | Gln | Ile | Leu | Asn | Phe | Val | His | Phe | Arg | Leu | Ser | Val | Pro | 290 | 295 | 300 |
| Thr | Thr | Lys | Thr | Phe | Leu | Arg | Arg | Phe | Ile | Lys | Ala | Ala | Gln | Ala | Ser | 305 | 310 | 315 |
| | | | | | | | | | | | | | | | | | | 320 |

Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr Leu Ala Asn Tyr Leu Ala
325 330 335

Glu Leu Thr Leu Val Glu Tyr Ser Phe Leu Arg Phe Leu Pro Ser Leu
340 345 350

Ile Ala Ala Ser Ala Val Phe Leu Ala Arg Trp Thr Leu Asp Gln Thr
355 360 365

Asp His Pro Trp Asn Pro Thr Leu Gln His Tyr Thr Arg Tyr Glu Val
370 375 380

Ala Glu Leu Lys Asn Thr Val Leu Ala Met Glu Asp Leu Gln Leu Asn
385 390 395 400

Thr Ser Gly Cys Thr Leu Ala Ala Thr Arg Glu Lys Tyr Asn Gln Pro
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Lys Phe Lys Ser Val Ala Lys Leu Thr Ser Pro Lys Arg Val Thr Ser
420 425 430

Leu Phe Ser Arg
435

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<211> 654
<212> DNA
<213> Oryza sativa

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ttattgtaaa gttctacaaa gctaatttaa aagttattgc attaacttat ttcattattac 180
aaacaagagt gtcaatggaa caatgaaaac catatgacat actataattt tgtttttatt 240
attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtggt 300
gcattaccaa aatatatata gcttacaaaa catgacaagc ttagtttgaa aaattgcaat 360
ccttatcaca ttgacacata aagtgagtga tgagtcataa tattattttc ttgctaccc 420
atcatgtata tatgatagcc acaaagttac tttgatgatg atatcaaaga acatttttag 480
gtgcacctaa cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt 540
aaaactaaca ctctaaagca accgatggga aagcatctat aaatagacaa gcacaatgaa 600

aatcctcatc atccttcacc acaattcaaa tattatagtt gaagcatagt agta 654

<210> 4
<211> 56
<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM582

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<210> 5
<211> 52
<212> DNA
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<220>
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<210> 6
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<222> 3
<223> Xaa at position 3 may be Val or Ile

<220>
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<223> Xaa at position 6 may be Ser or Ala

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<223> Xaa at position 8 may be Asp or Glu

<220>
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<222> 10
<223> Xaa at positon 10 may be Lys, Arg or Thr

<400> 6

Trp Leu Xaa Glu Val Xaa Xaa Xaa Tyr Xaa Leu

<210> 7

<211> 15

<212> PRT

<213> Unknown

<220>

<221> misc_feature

<222> 5

<223> Xaa at position 5 may be Val, Ile, Thr or Met

<220>

<221> misc_feature

<222> 6

<223> Xaa at position 6 may be Asp, Glu or Met

<220>

<221> misc_feature

<222> 8

<223> Xaa at position 8 may be Thr, Ser, His, Pro or Gly

<220>

<221> misc_feature

<222> 10

<223> Xaa at position 10 may be Arg or Leu

<220>

<221> misc_feature

<222> 11

<223> Xaa at position 11 may be Leu, Arg, Lys or Asn

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Glu Leu Thr Leu Xaa Xaa Tyr Xaa Phe Xaa Xaa Phe Leu Pro Ser

<210> 8

<211> 15

<212> PRT

<213> Arabidopsis thaliana

<220>

<400> 8

Trp Leu Val Glu Val Ser Glu Glu Tyr Lys Leu Val Ser Asp Thr

<210> 9

<211> 15

<212> PRT

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<400> 9

Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro Asp Thr

<210> 10

<211> 15

<212> PRT

<213> Arabidopsis thaliana

<220>

<400> 10

Trp Leu Val Glu Val Ser Glu Glu Tyr Thr Leu Ala Ser Asp Thr

<210> 11

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<213> Arabidopsis thaliana

<220>

<400> 11

Trp Leu Val Glu Val Ser Glu Glu Tyr Thr Leu Val Pro Asp Thr

<210> 12

<211> 15

<212> PRT

<213> Oryza sativa

<220>

<400> 12

Trp Leu Val Glu Val Ser Glu Glu Tyr Lys Leu Val Pro Asp Thr

<210> 13

<211> 15

<212> PRT

<213> Medicago

<220>

<400> 13

Trp Leu Val Glu Val Ser Glu Gly Tyr Lys Leu Gln Ala Asn Thr

<210> 14

<211> 15

<212> PRT

<213> *Nicotiana tabacum*

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<400> 14

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<210> 15

<211> 15

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<213> *Arabidopsis thaliana*

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<211> 15

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<213> *Oryza sativa*

<220>

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<210> 19

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<212> PRT

<213> Arabidopsis thaliana

<220>

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<400> 23

Glu Leu Thr Leu Met Asp Tyr Pro Phe Leu Lys Phe Leu Pro Ser

<210> 24

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<213> *Oryza sativa*

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<210> 25

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<212> PRT

<213> *Medicago*

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<210> 26

<211> 15

<212> PRT

<213> *Nicotiana tabacum*

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<210> 27

<211> 15

<212> PRT

<213> *Arabidopsis thaliana*

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<400> 27

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<210> 28

<211> 15

<212> PRT

<213> Arabidopsis thaliana

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<400> 28

Glu Leu Ser Leu Leu Asp Tyr Ala Met Leu Arg Tyr Ala Pro Ser

<210> 29

<211> 15

<212> PRT

<213> Arabidopsis thaliana

<220>

<400> 29

Glu Leu Ser Met Leu Asp Tyr Gln Ser Val Lys Phe Leu Pro ser

<210> 30

<211> 15

<212> PRT

<213> Oryza sativa

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<400> 30

Glu Leu Ser Leu Leu Glu Tyr Asn Leu Leu Ser Tyr Pro Pro Ser

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<213> Arabidopsis thaliana

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